

artdaq Utilities - Bug #23015

DAQInterface kills processes across partitions on terminate

07/30/2019 02:22 PM - John Freeman

Status:	Reviewed	Start date:	07/30/2019
Priority:	High	Due date:	
Assignee:	John Freeman	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Experiment:	-	Co-Assignees:	
Description			
Just discovered on the ProtoDUNE cluster: when running in direct process mode, when DAQInterface is sent the terminate transition it can kill not only the artdaq processes associated with its partition, but also artdaq processes on OTHER partitions. This destructive interference needs to be fixed.			

History

#1 - 07/31/2019 01:04 PM - John Freeman

- % Done changed from 0 to 100
- Status changed from New to Resolved

Resolved with commit 340b9089999ac639a17f2765f00d95901aa98051 at the head of feature/issue23015_kill_only_within_partition. Basically, to fix this all I needed to do was add the partition number into the grep performed when searching for artdaq processes to kill.

#2 - 08/01/2019 12:53 PM - John Freeman

- Status changed from Resolved to Reviewed

Reviewed by Kurt, who saw that when performing two runs simultaneously on partitions 4 and 5 on mu2eddaq12 that terminating the partition 4 run had no effect on the partition 5 processes. I've merged the feature branch into the develop branch.